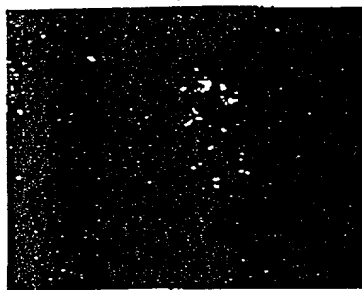


A. E16



B. P60

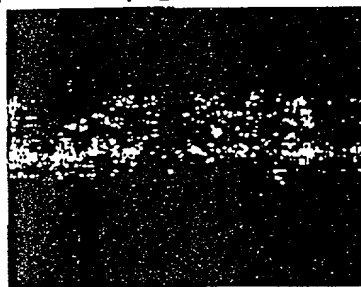
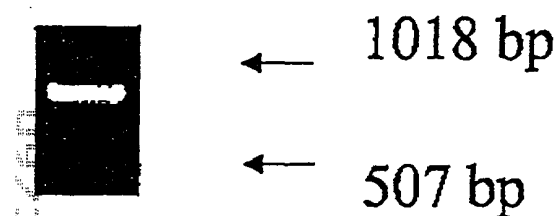


Fig. 1

Figure 2

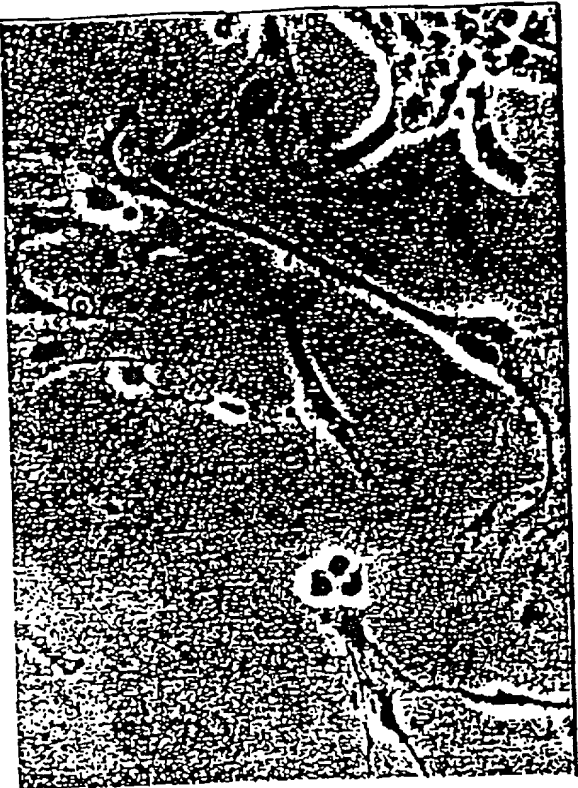
Nestin RT-PCR of 50 rat islets



Amplification of a single band of the correct size of 834 bp. In between the forward [GCGGGGCGGTGCGTGACTAC] and reverse primer [GGGTGGTGAGGGTTGAGGTTTGTG] are 3 introns located.

Figure 3

Nestin positive cells proliferate around islets in vitro

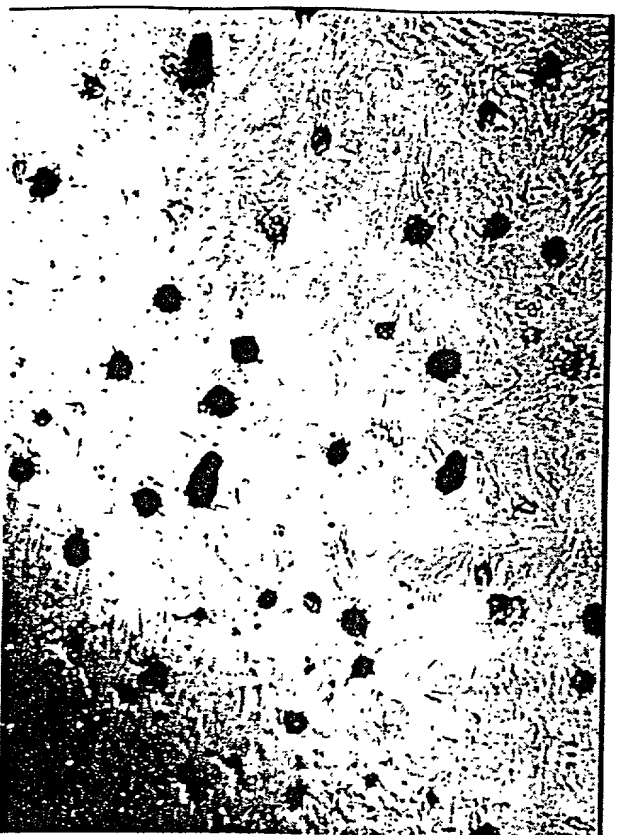


Phase contrast image of cells
surrounding cultured islets (200x)

09734965.120600

Figure 4

Development of islet-like structures in vitro



100x



200x

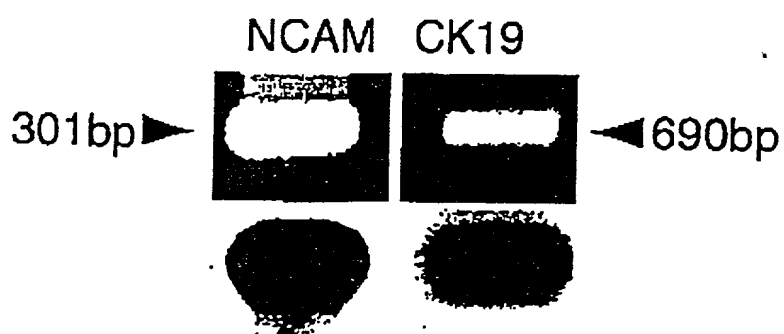


Fig. 5

Figure 6

Induction of nestin mRNA expression by high glucose in pancreatic islets

RT-PCR of 50 rat islets incubated for 4 days at 5.6 mM or 16.7 mM glucose

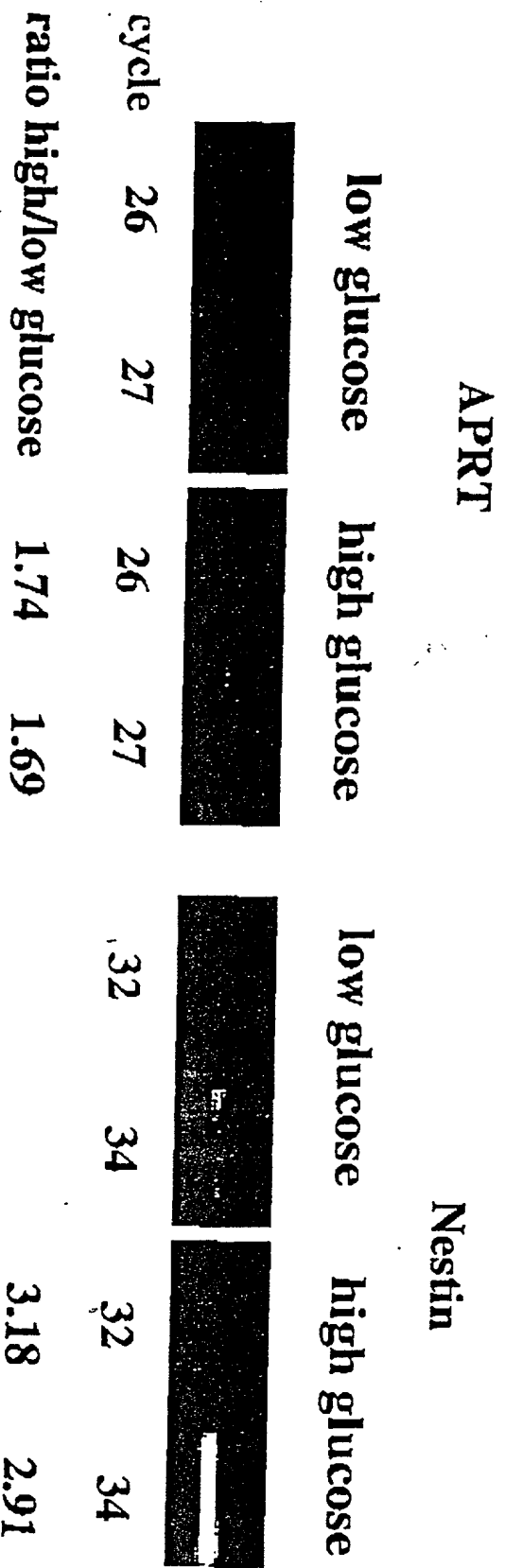


Figure 7 (v)

Nestin Amino Acid Sequence:

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GAR
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QEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGGSRVFSICRGE GEGQIWGLVEKET
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ESWSSGED"

Nestin Nucleotide Sequence:

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Figure 7 (continued) (2)

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Figure 7 (Continued) (3)

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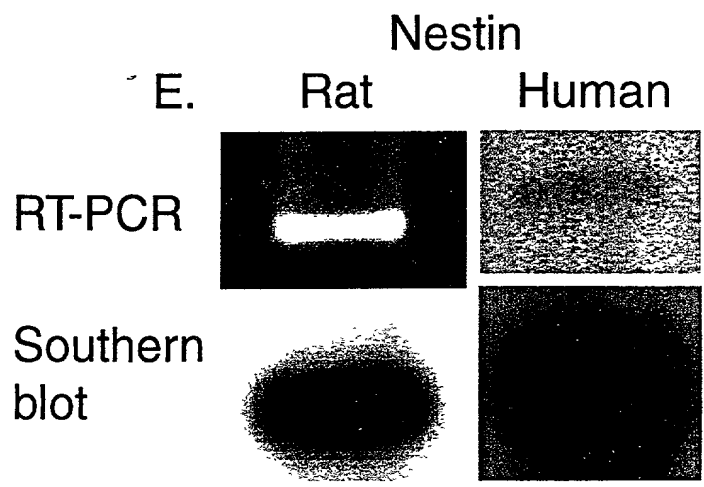
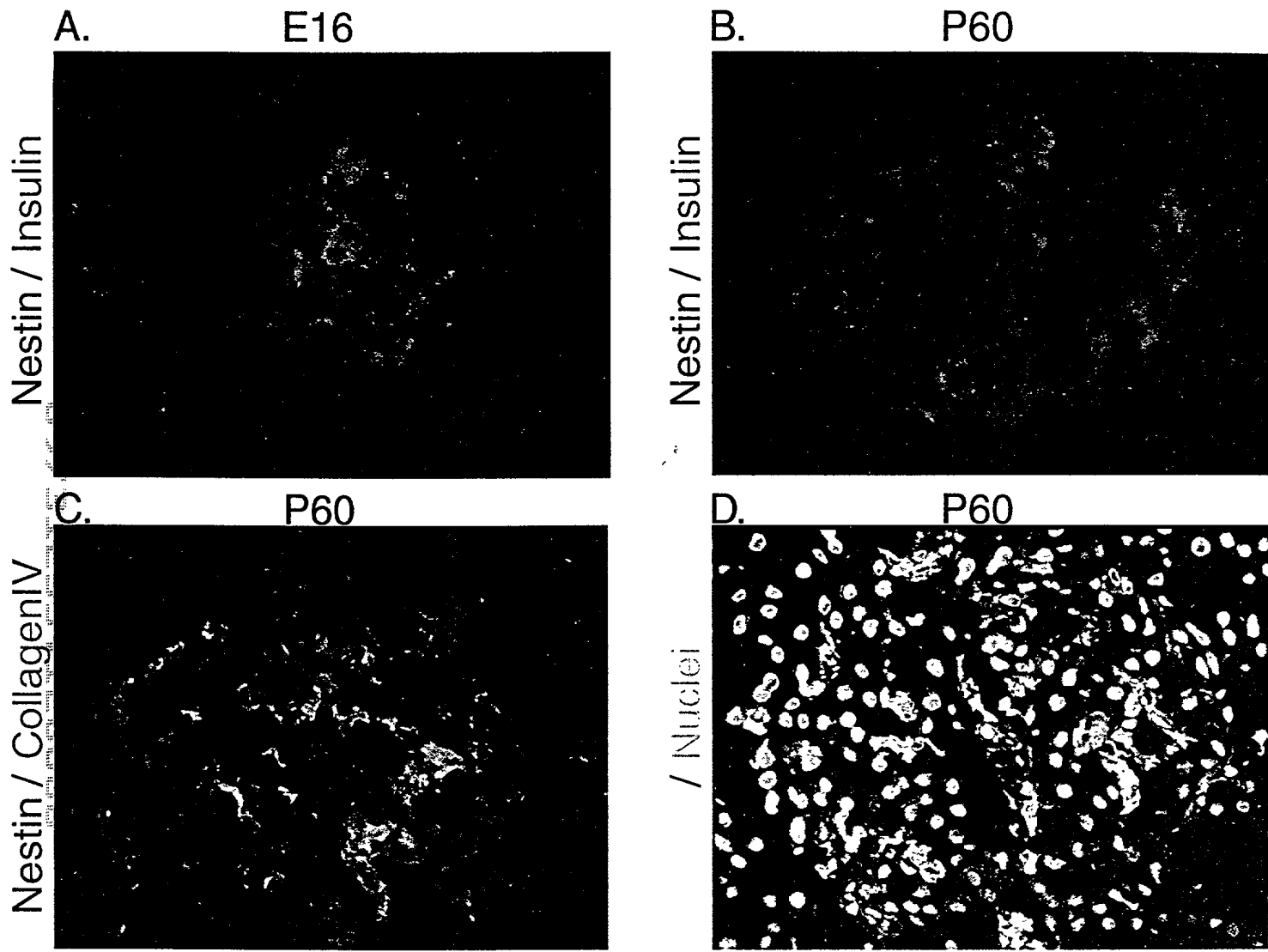
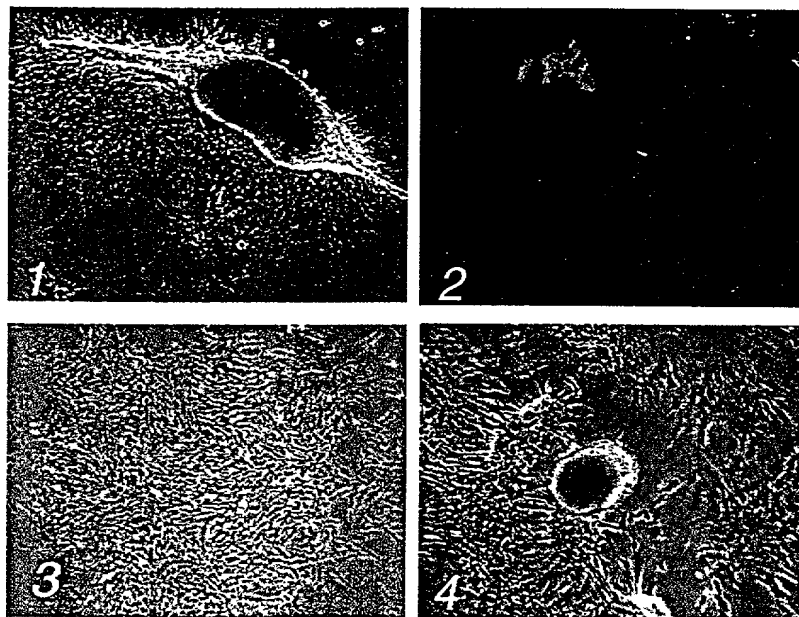


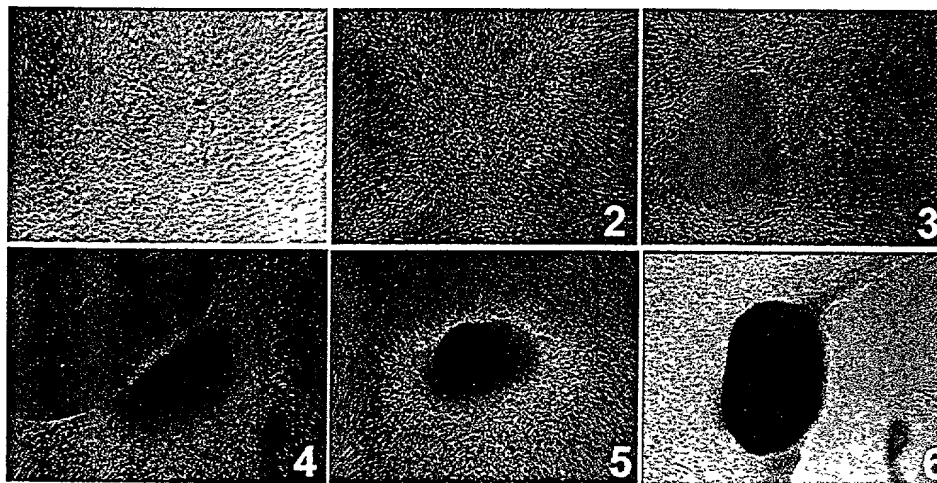
Fig 8

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A



B



C

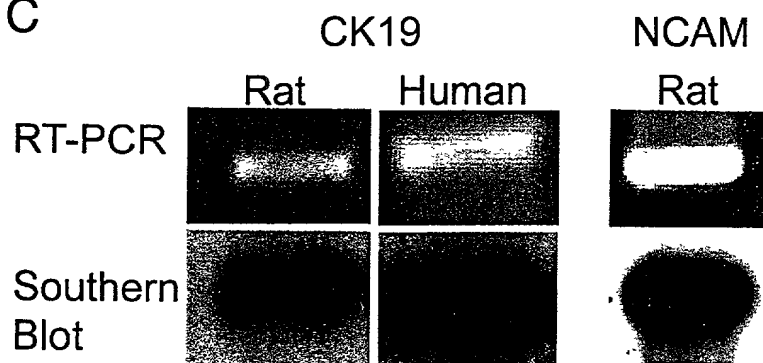
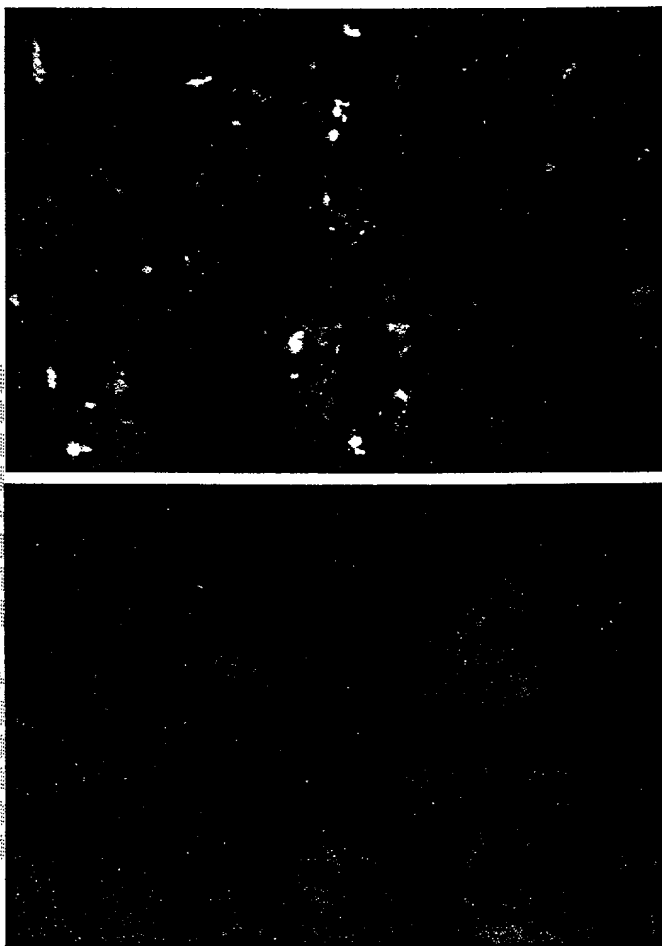


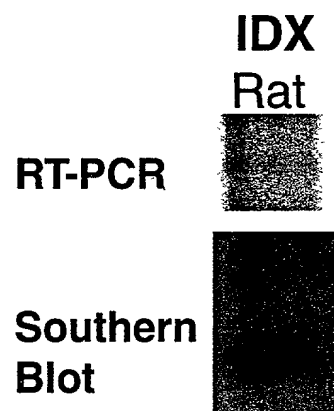
Fig 9

E.C

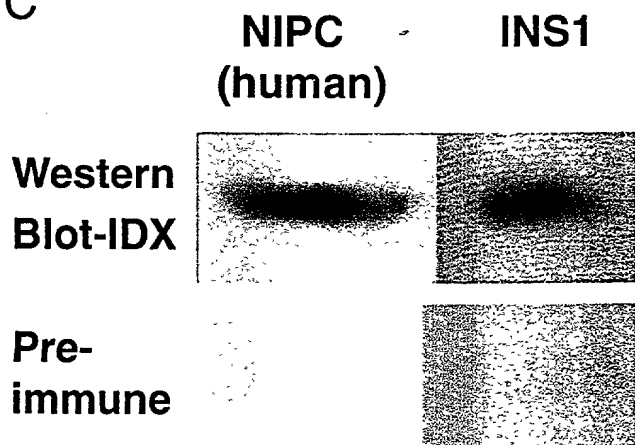
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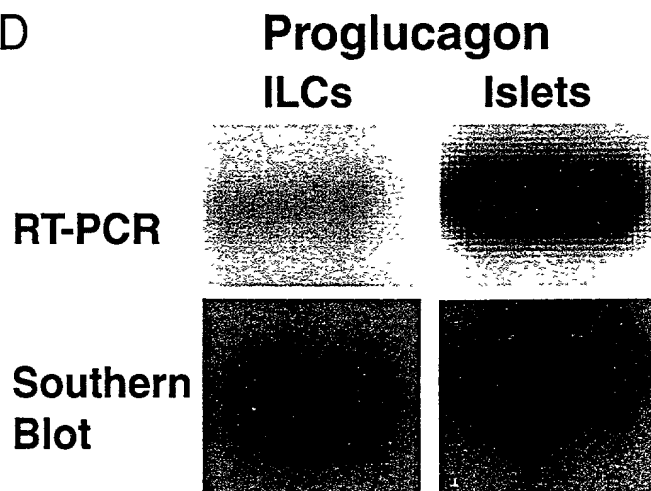
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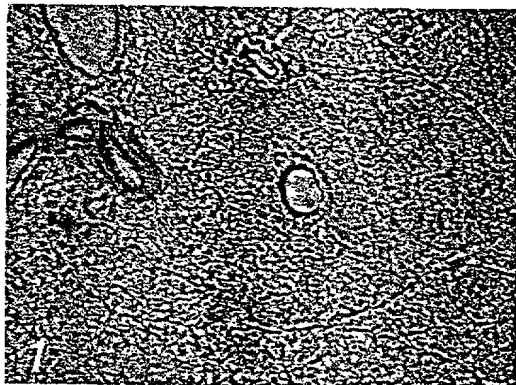
C



D



A

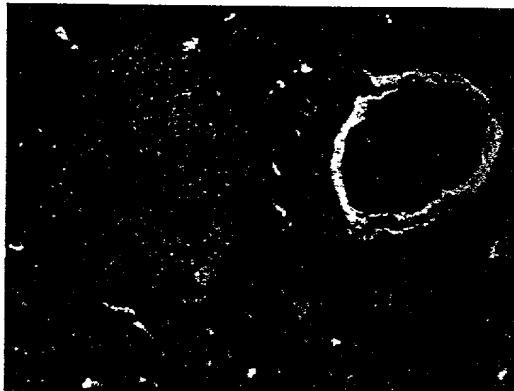


CK19 / Nestin



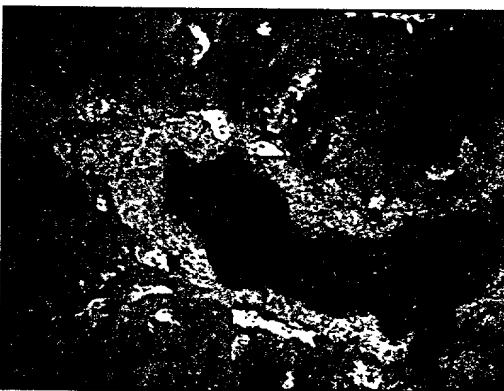
B

CK19 / Nestin

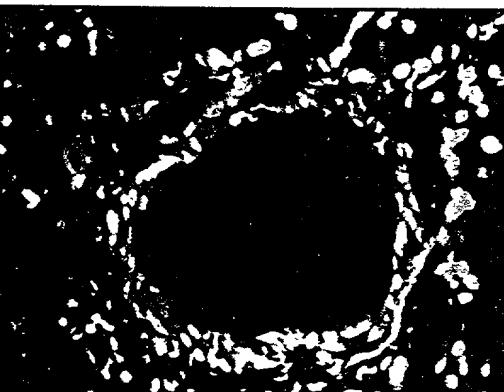


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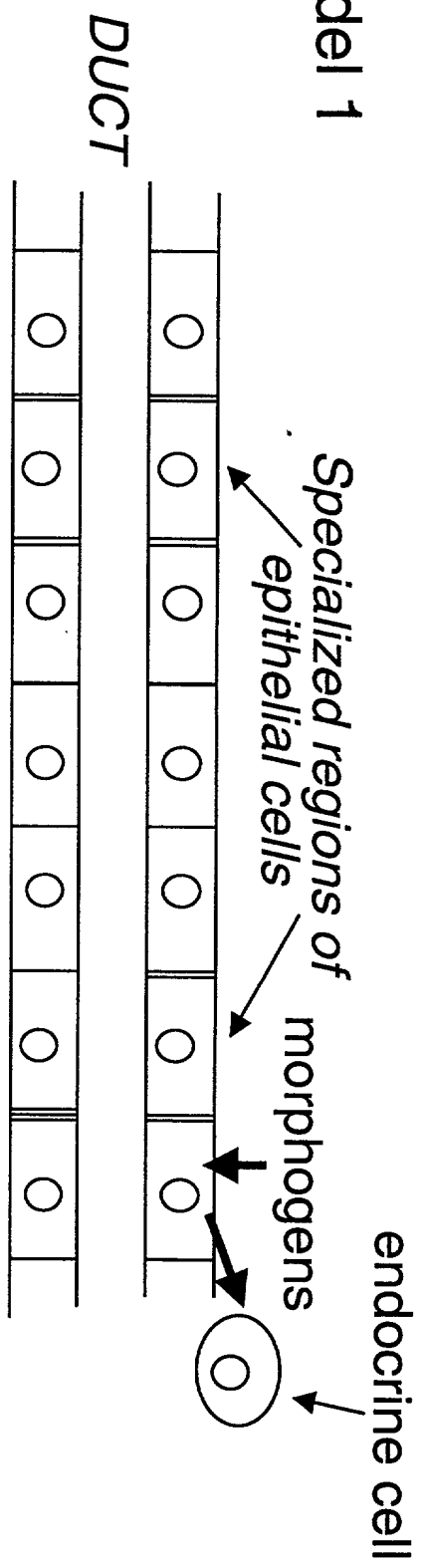
Nestin



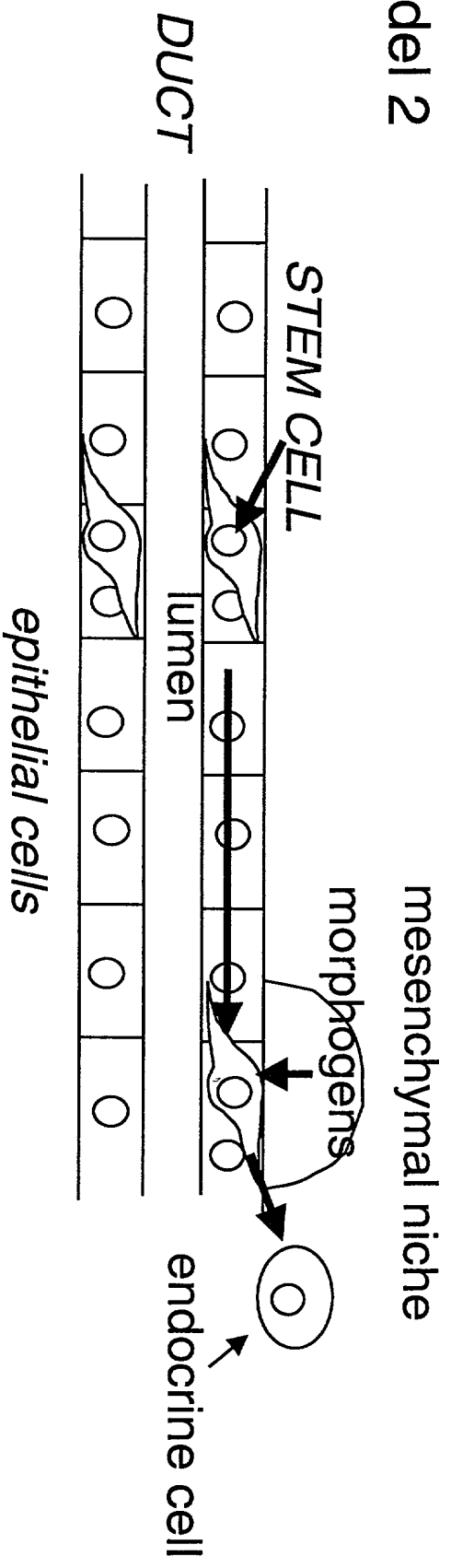
Nestin / CK19



Model 1



Model 2



This is a high-contrast, black and white image. The background is a dark, grainy, and textured surface. In the center, there is a bright, irregular, and somewhat jagged white shape that resembles a stylized letter 'Z' or a piece of debris. The shape has several sharp edges and internal details that are difficult to discern due to the high contrast. The overall appearance is that of a low-quality scan or a photograph of a dark object with a bright, reflective feature.

MC, A

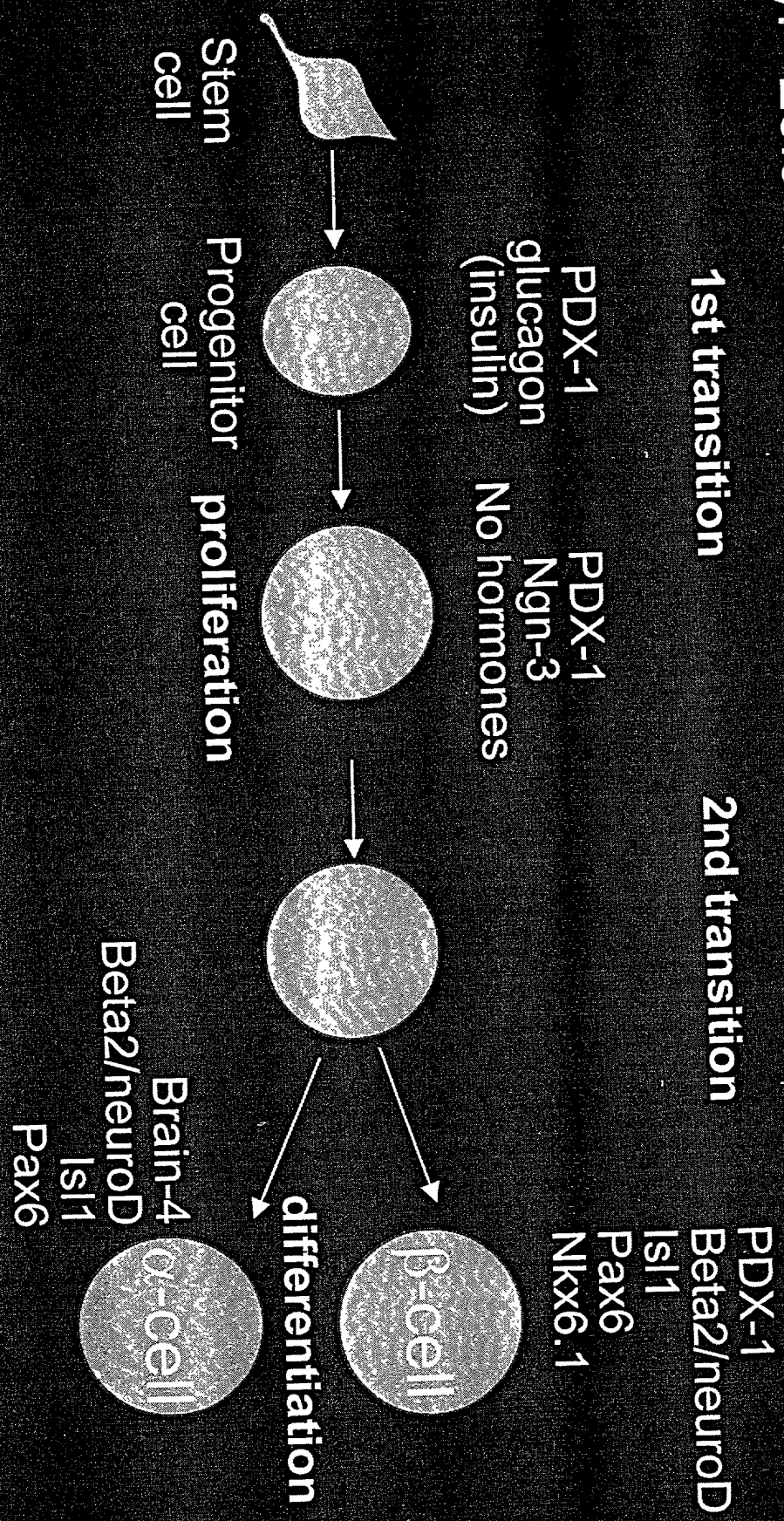
This is a dark, grainy, black and white photograph. The image shows a textured surface, possibly a wall or ceiling, with some faint, indistinct shapes visible. The overall quality is poor, with high contrast and significant noise. There are some lighter, irregular patches that might be reflections or damage to the surface, but no clear objects or text are discernible.

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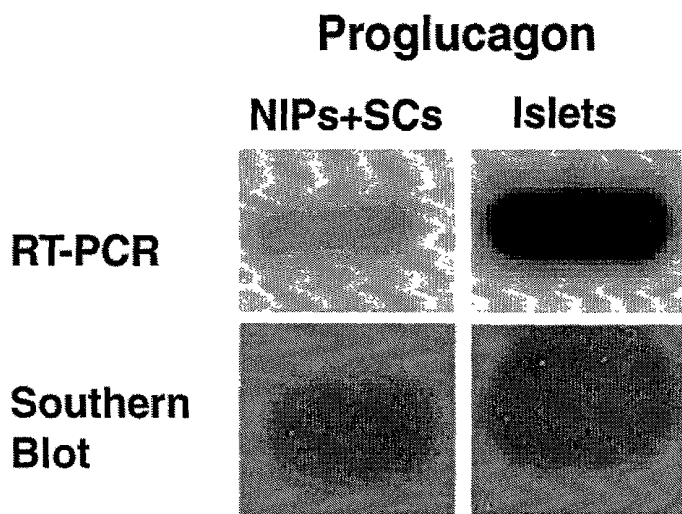
Sequential appearance of transcription factors during development of the endocrine pancreas (mouse)

Day: E8.5 E9.5 E13 E14 E15

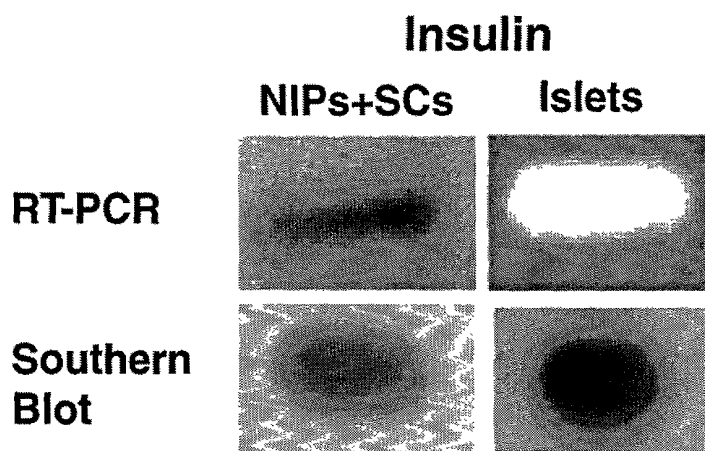
1st transition 2nd transition



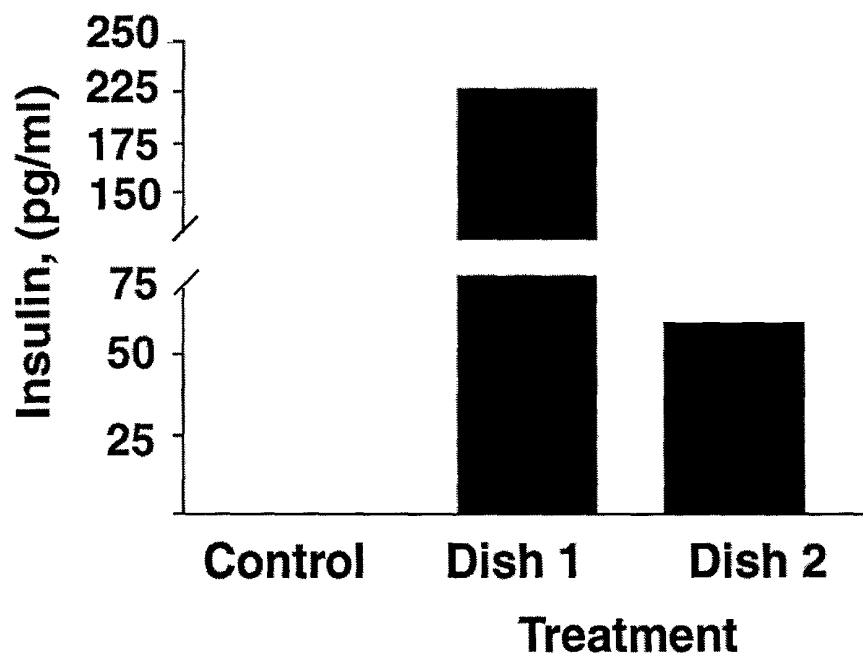
A



B



C



**NEURO-
ENDOCRINE**

EXOCRINE

HEPATIC

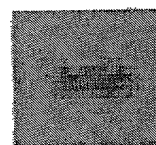
SYN



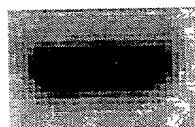
AMY



TTR



HGFR



CARB



HGF



GLUT-2



E-CAD



XBP



AFP

